



**TECHNICAL PROPOSAL FOR
SO Driven
at**

**UNIVERSITI TEKNOLOGI PETRONAS, PERSIARAN UTP, 32610
SERI ISKANDAR, PERAK
Location: 4.382204, 100.970644**

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1.0 TP CHECKLIST

Building Name : UNIVERSITI TEKNOLOGI PETRONAS				
Date of LOI : 08/06/2023				
Date of Survey : 23/06/2023				
	DESCRIPTION	YES	NO	REMARKS
1	TDC existing manhole coordinate	✓		4.385491N,100.980652E
2	Existing building manhole coordinate	✓		MH COORDINATE IN DRAWING
3	Any Gas pipe signage seen at site? If YES, attach Photo	✓		
4	Any TNB signage seen at site? If YES, attach Photo		✓	
5	Any crossing drainage? If YES, attach photo & width of the drainage		✓	
6	Any INDAH WATER manhole seen at site? If YES, attach Photo	✓		
7	Any crossing traffic light? If YES, attach photo & measurement of the traffic light box	✓		
8	Has identified Local Authority? Kindly indicate.	✓		JKR
9	Drawing for outside plant (OSP) survey - Building Access & civil work up to last TIME manhole (dwg format - autocad & .pdf format) *	✓		
10	Drawing for inside plant (ISP) survey - MDF up to riser (.dwg format - AutoCAD & .pdf format) *	✓		
11	Prepare the complete 1 copy of Technical Proposal (.pdf format & Word Format) –of softcopy – 1 copy	✓		
12	Bill of Quantity for civil, fibre pulling, splicing & termination	✓		
13	The latitude & longitude of the building location, last TIME manhole and building manhole in 6 decimal points (xx.xxxxxx, x.xxxxxx) in TP Location Map	✓		
14	Open up the manhole at any spot of joint/ring cut & provide duct space record for this project (photo required). Please make sure that there is TIME cable in the manhole (photo required). If unable to open up the manhole, photo of manhole surrounding is required.	✓		
15	Survey Acknowledgment Form signed & attached		✓	
16	Others			

2.0 GENERAL INFORMATION

General Information

Building Name : UNIVERSITI TEKNOLOGI PETRONAS
 Address: PERSIARAN UTP, 32610 SERI ISKANDAR, PERAK
 Type of Development: Office
 No of Unit: MDF ROOM
 No of Storey/Block:

Contact Person

Management

Name: H/P
 Designation: Tel
 Email Address:

Maintenance / Security Department

Name: NA H/P NA
 Designation: NA Tel
 Email Address: -

Comments

For TimeDotCom Bhd Use Only

Remarks :

Prepared by: Winsome Engineering SDN BHD
 Date of LOI: 08/06/2023
 Date of Survey: 23/06/2023
 Surveyed by: Winsome Engineering SDN BHD
 Drawing Prepared by: Winsome Engineering SDN BHD
 Eng. Person In charge: Mr. Jouthee

Telecommunication Information

MDF/SDF Room Description

Number of MDF/SDF Room: 1
 Location of Equipment Room: MDF ROOM @ Level Ground
 Number of Fiber Cores Terminated: 48Cores
 Number of Splitter Installed:
 Location of Splitter:
 Fiber of Termination Type:
 Power: Yes
 Method of Access to Building: Existing route
 Method of Exit to Riser: N/A
 Longitude: 4.382191
 Latitude: 100.970708

Construction Detail

1	Civil	1 Way HDD	250m
2	Fiber Pulling *(from Server Room to Time Manhole)		+ -2004m

Comment:

For Contractor Use Only:

For Client Use Only :

1. PROPOSAL FOR FIXED NETWORK ACCESS

2. Introduction

1. TIME dot Com offers a wide variety of fixed-line telecommunications services. As part of our commitment to provide our customers with the best possible solutions to serve all their communications needs; we aim to enhance telecommunication services in your building to offer your tenants with High Speed Internet, Data and Voice connectivity. Your premises will be enhanced today for tomorrow's communication and IT requirements. With that, we provide a choice of Service Providers to your tenants and your building gains a future-proof communication infrastructure.
2. A physical infrastructure link to the building is the main access to deliver services to the tenants. The typical link required is through fiber optic cable.
3. In order to support the services, TIME dot Com require an access to the propose MDF room and Server room in order to provide services to the end user.
4. To be able to deliver these services to your building, we will pull our own fiber optic cables from our nearest hub and place our passive access equipment into building server room. (Optional in this proposal)
5. With this setup we will have TIME dot Com connection right up to each block of the building.

2. External and Internal Trenching

1. The propose route will start from the existing TdC Mh to Building Mh using new ducting. The propose route then continue to MDF Room/SDF Room/Server Room using existing route.
2. TdC will utilize minimum of 1x100mm existing building access ducting to building retaining wall and existing cable tray to common Server room.
3. The permission to trench inside local authority jurisdiction to be applied separately if necessary.
4. This proposal is based on assumption that there is fiber cable to be connected in the existing TIME manhole.

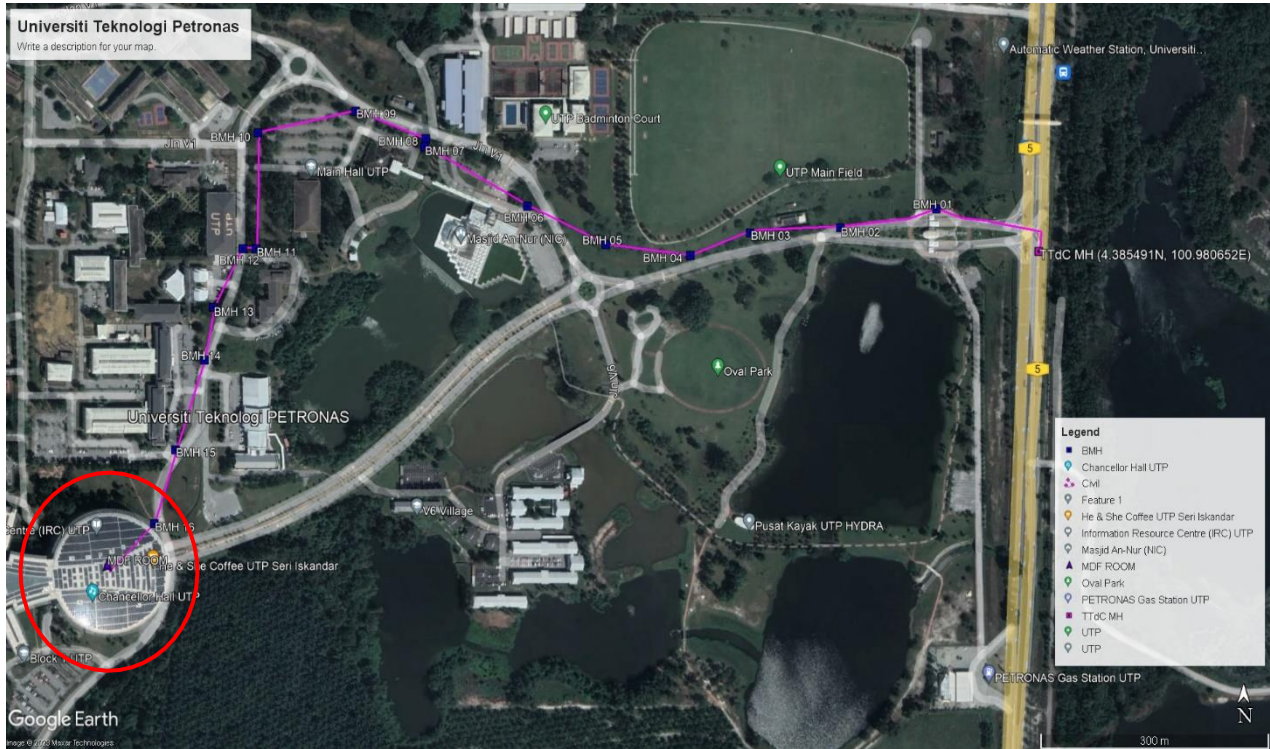
3. Equipment Foot Space & Weight

1. Below is the TIME dot com' standard requirement that will be installed at common MDF Room/SDF Room/Server Room.

Description	Remarks
1x FTB 48c	Server Room @ Level G

- 1.3.2 However depending on the network requirement, Time dot Com may or may not add additional network equipment(s) in the MDF room or the vertical riser as it may apply.

3.4 Location Map



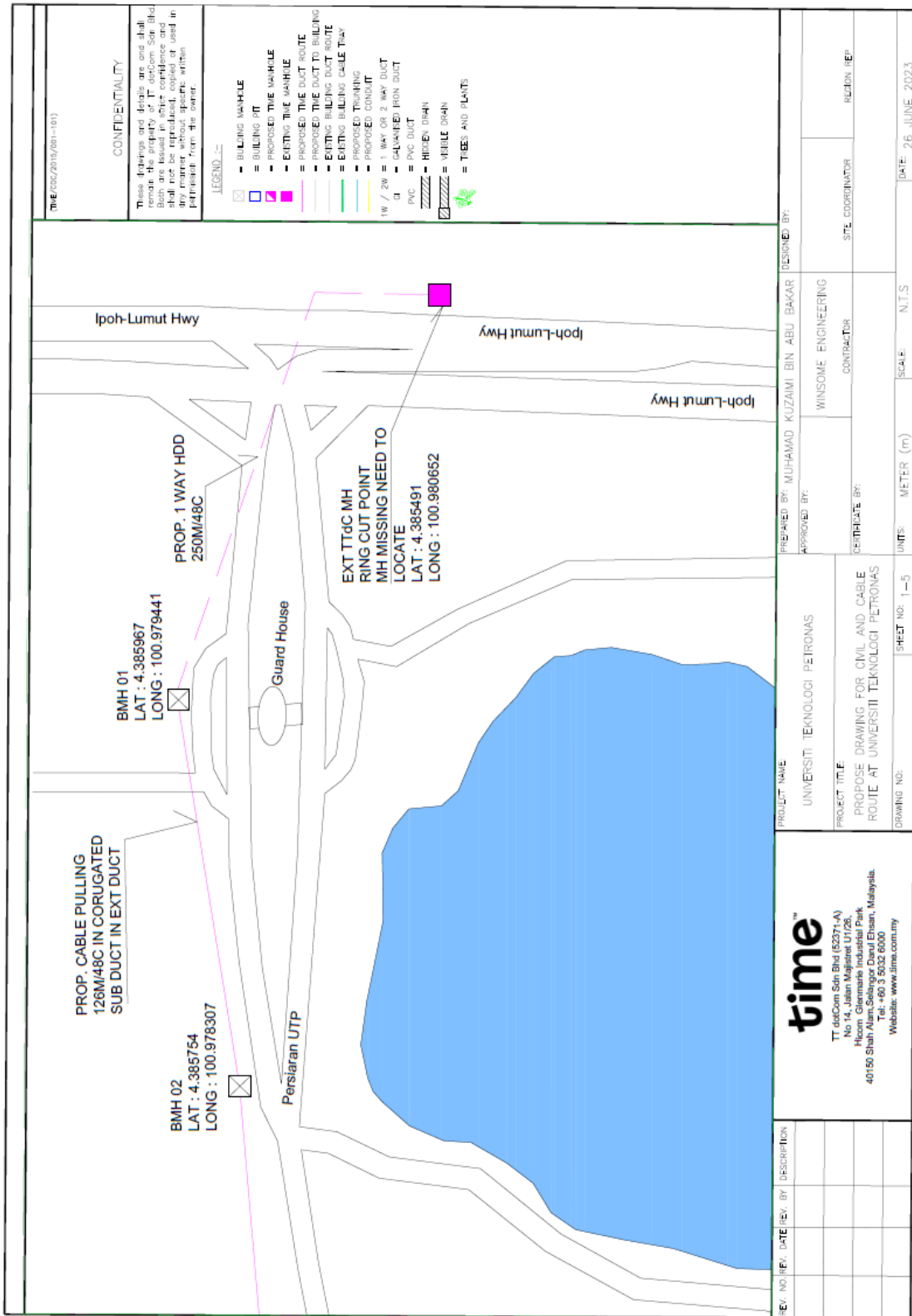
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 Location: 4.382204, 100.970644

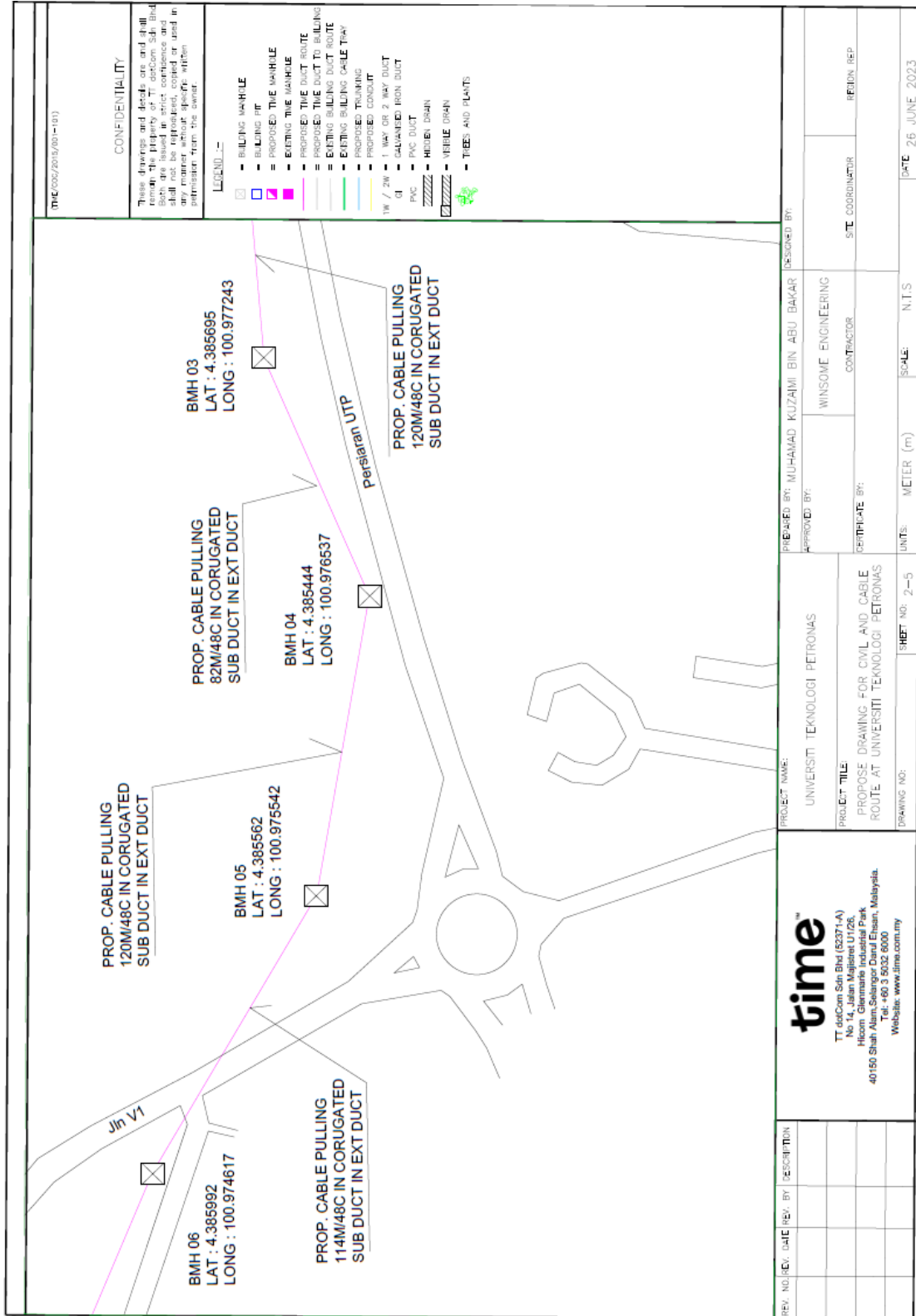
1. APPENDIX

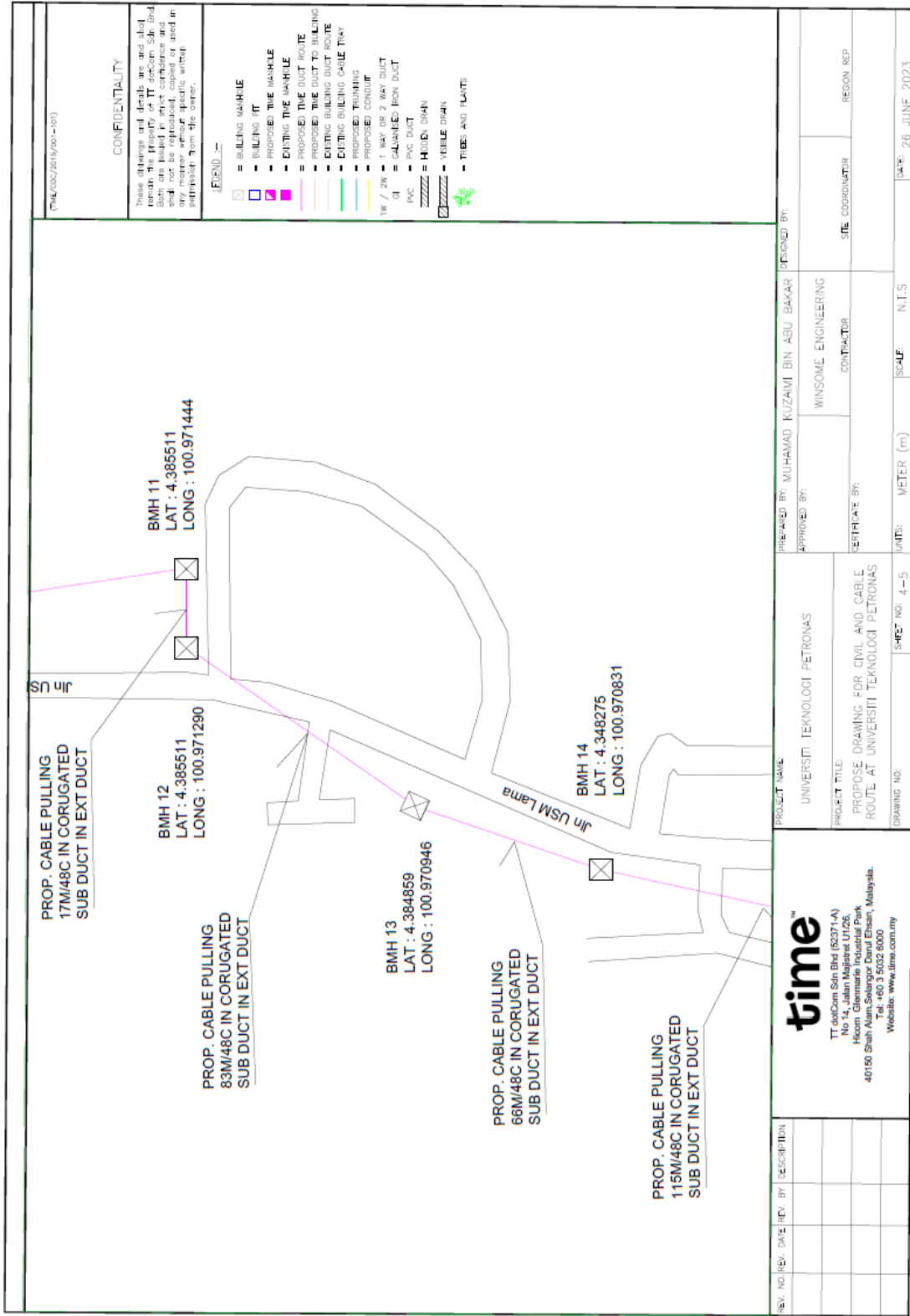
2. Product Portfolio

TIME DOT COM CONNECTIONS FOR COMMERCIAL	
Private Data Network	<p>Our Virtual Private Network (VPN) is designed to deliver you an efficient, secured and reliable service. We provide point-to-point technology that directly connects you to your clients and employees. We ensure complete privacy and security, while at the same time, maximizing your speed and bandwidth;</p> <ul style="list-style-type: none"> ⇒ Channelized Leased Circuit ⇒ Ethernet Leased Circuit ⇒ International Private Leased ⇒ Circuit (PLC) ⇒ Metro LAN ⇒ International Ethernet Private Leased Circuit (IELC)
Internet	<p>TIME Internet services allow you to connect to the world speedily with high scalability, reliability and security. Choose the best solution that suits your need and TIME will take care of the rest;</p> <ul style="list-style-type: none"> ⇒ Channelized Direct ⇒ Ethernet Direct ⇒ Business Broadband ⇒ Satellite Broadband ⇒ Home Broadband
Voice	<p>We've got a wide range of services from basic phone line with crystal clear voice quality to our account based postpaid Virtual Call service. We also provide local and International toll free services, and even business or individual calling cards. With TIME, it's so easy to stay in touch;</p> <ul style="list-style-type: none"> ⇒ Business Voice Line ⇒ ISDN PRI ⇒ International Toll Free ⇒ Toll Free 1300 ⇒ Toll Free 1800 ⇒ Audio Conferencing ⇒ Home Fixed Line
Managed Services	<p>TIME Managed Services deliver end-to-end networking solutions. Focus on your productivity while we provide you with support possible to take your business to the next level;</p> <ul style="list-style-type: none"> ⇒ VPN ⇒ SAN Extension
Wholesale Service	<p>We are able to offer you unmatched capacity and network resiliency. We aim to ensure seamless connectivity and high availability, thus maximizing your operational capabilities;</p> <ul style="list-style-type: none"> ⇒ Wholesale bandwidth ⇒ Wholesale Voice (Transit Premium, Transit CLR) ⇒ Cross Peninsular Cable System (CPCS)

- 2. Drawing
- 1. Drawing – Site Plan







time/002/2015/001-100

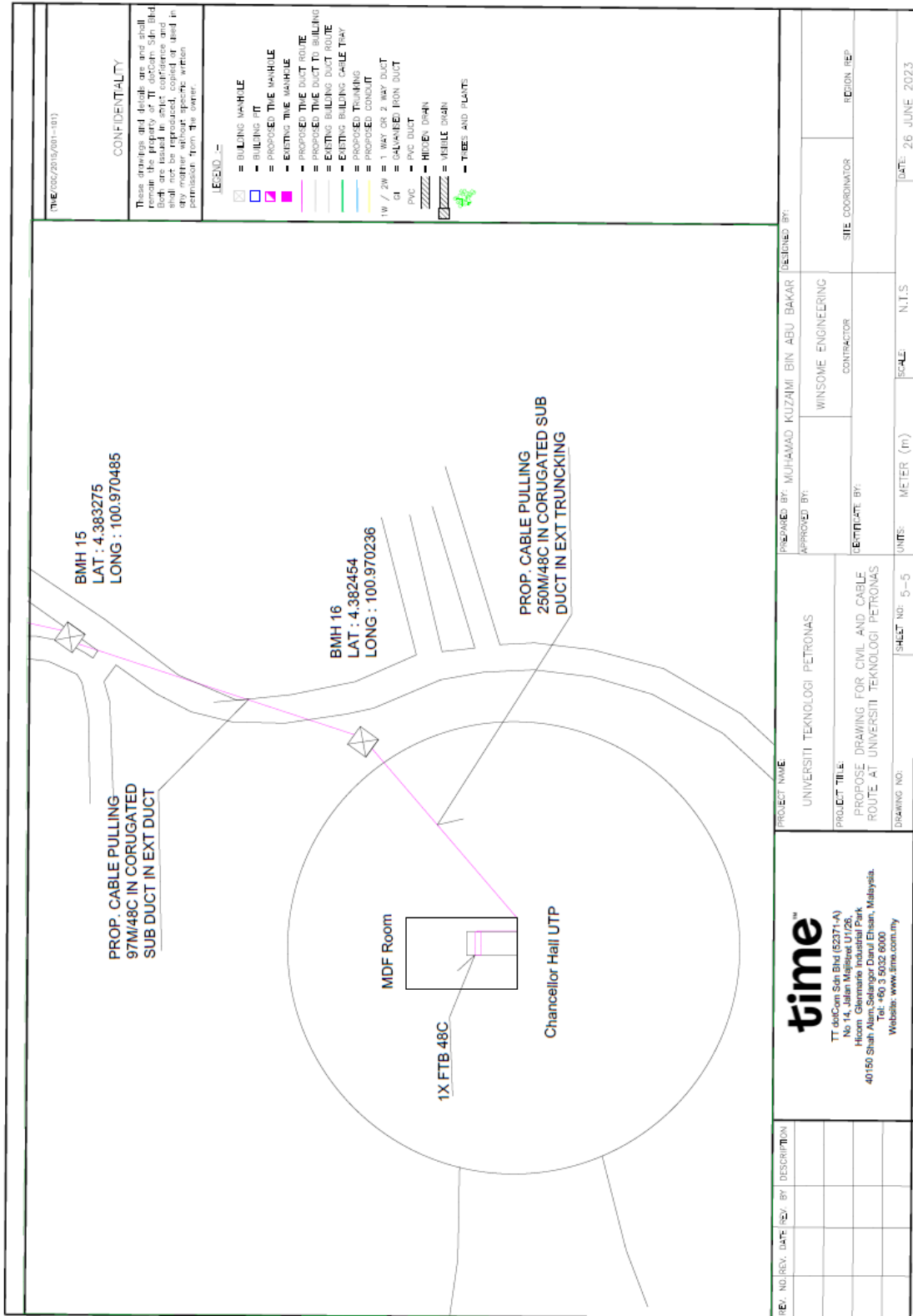
CONFIDENTIALITY

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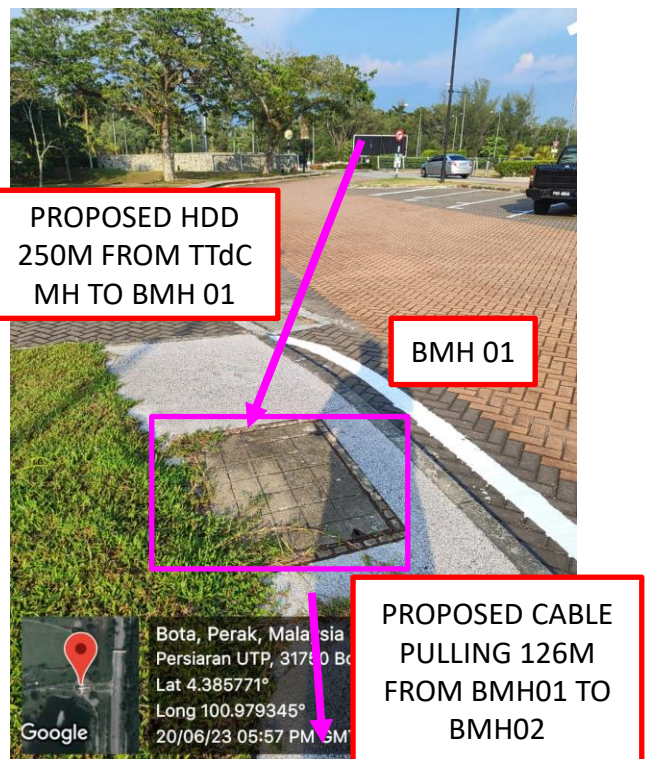
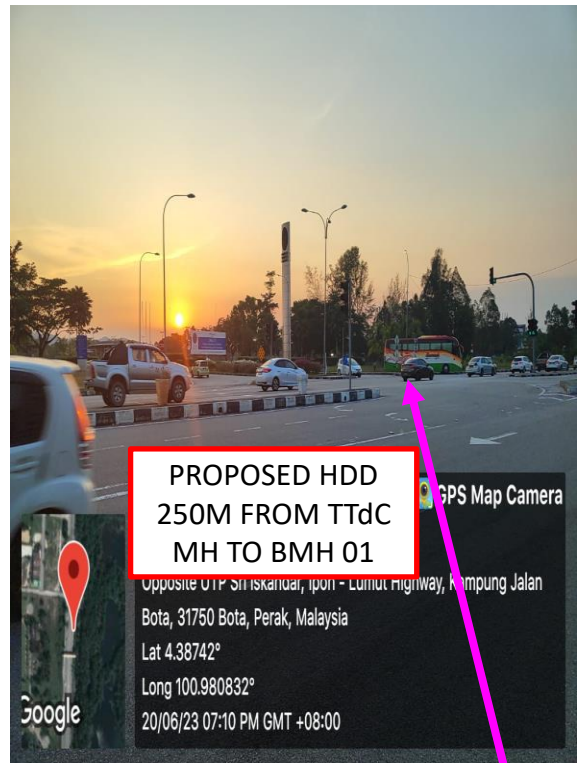
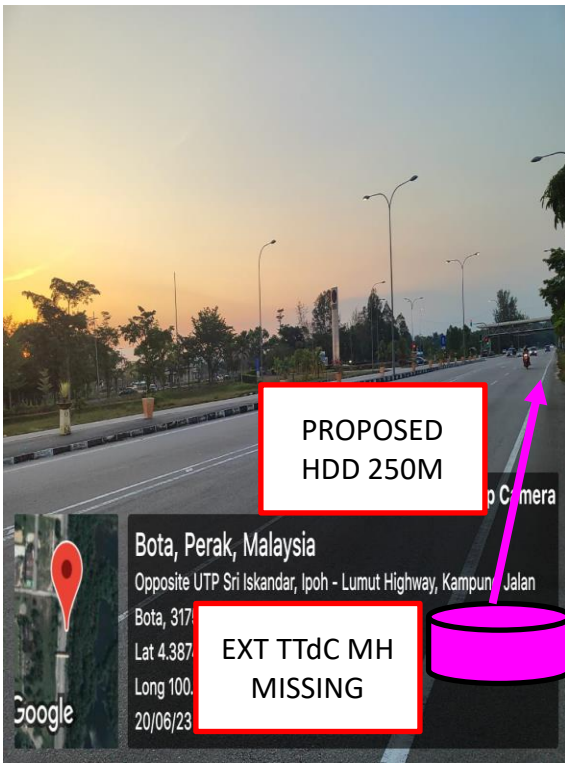
LEGEND

- = BUILDING MAINTENANCE
- = BUILDING FOOTPRINT
- = PROPOSED BUILDING MAINTENANCE
- = EXISTING BUILDING MAINTENANCE
- = PROPOSED CABLE ROUTE
- = PROPOSED CABLE ROUTE TO BUILDING
- = EXISTING BUILDING CABLE ROUTE
- = EXISTING BUILDING CABLE ROUTE TO BUILDING
- = PROPOSED TOLLING
- = PROPOSED CONDUIT
- 1W / 2W = 1 WAY OR 2 WAY DUCT
- = GALVANIZED IRON DUCT
- = PVC DUCT
- = HIDDEN DRAIN
- = VEHICLE DRAIN
- = TREES AND PLANTS

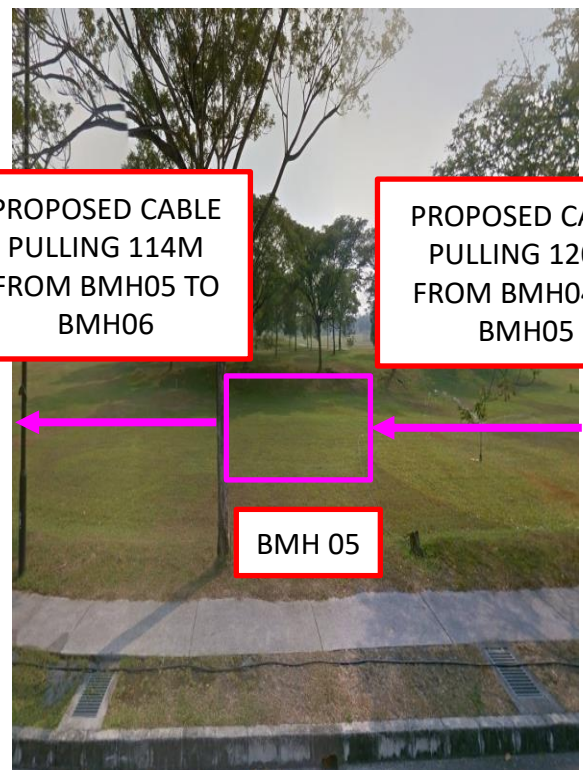
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<p>time™ TT datCom Sdn Bhd (62371-A) No 14, Jalan Masjid U1/2K, Kawasan Industri Mutiara Damansara, 40150 Shah Alam, Selangor Darul Ehsan, Malaysia. Tel: +60 3 5032 6000 Website: www.time.com.my</p>		
PROJECT NAME: UNIVERSITI TEKNOLOGI PETRONAS PROPOSED DRAWING FOR CIVIL AND CABLE ROUTE AT UNIVERSITI TEKNOLOGI PETRONAS		PREPARED BY: MUHAMMAD KUZAMI BIN ABU BAKAR APPROVED BY: WINSOME ENGINEERING CONTRACTOR CERTIFICATE BY:
SHEET NO: 4-5 UNITS: METER (m) SCALE: N.T.S.		REGION REP DATE: 26 JUNE 2023



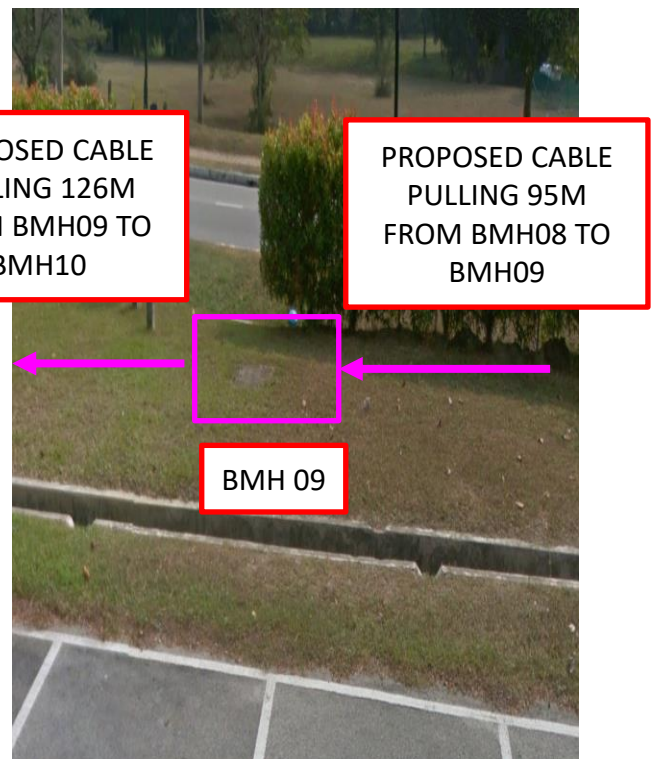
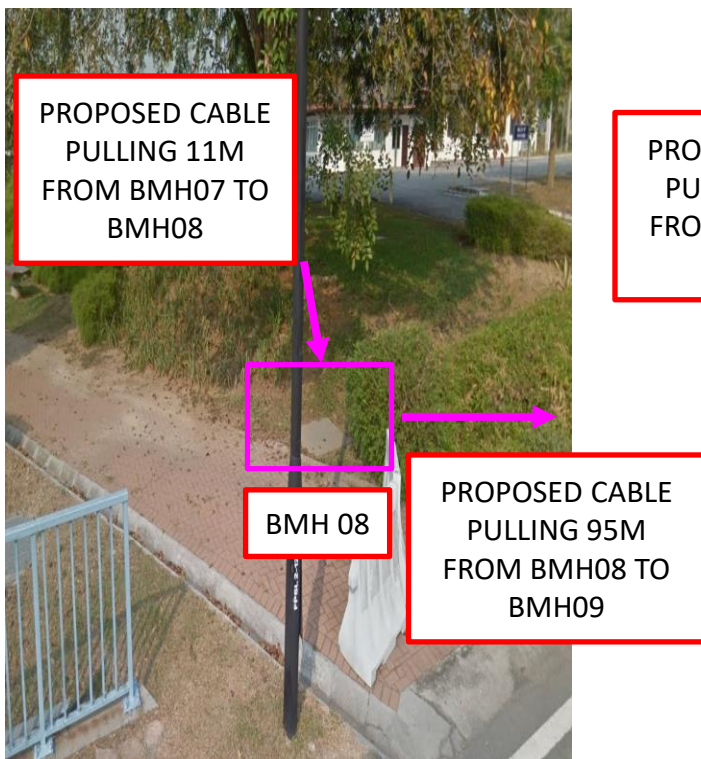
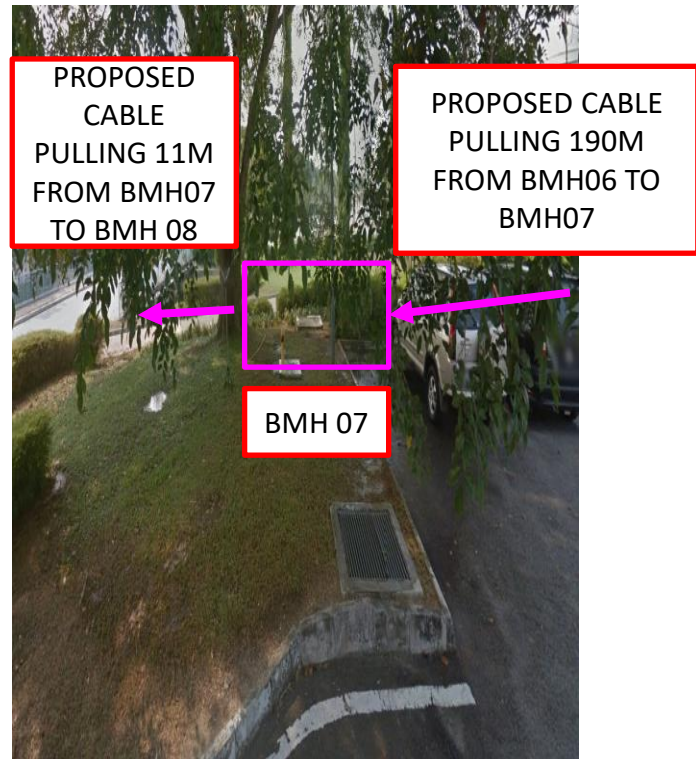
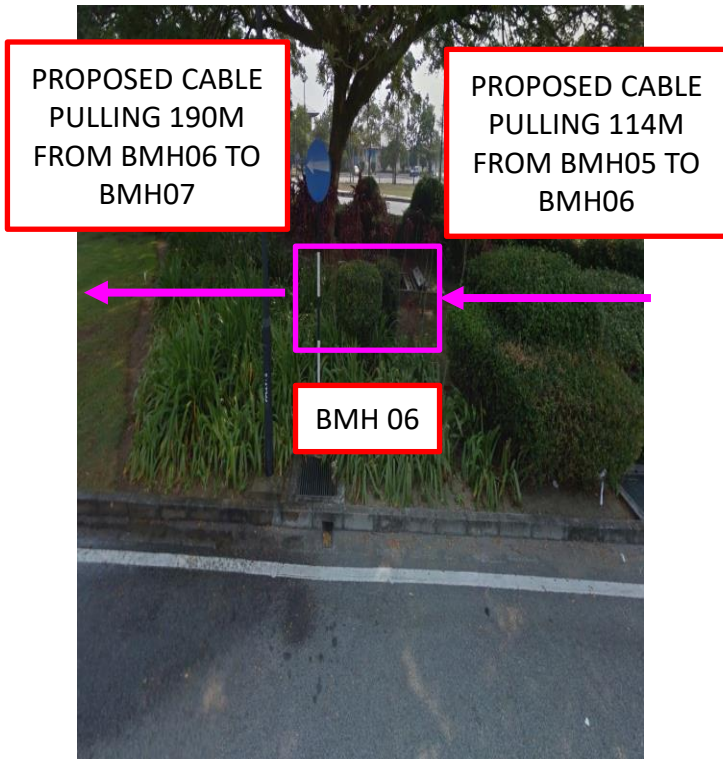
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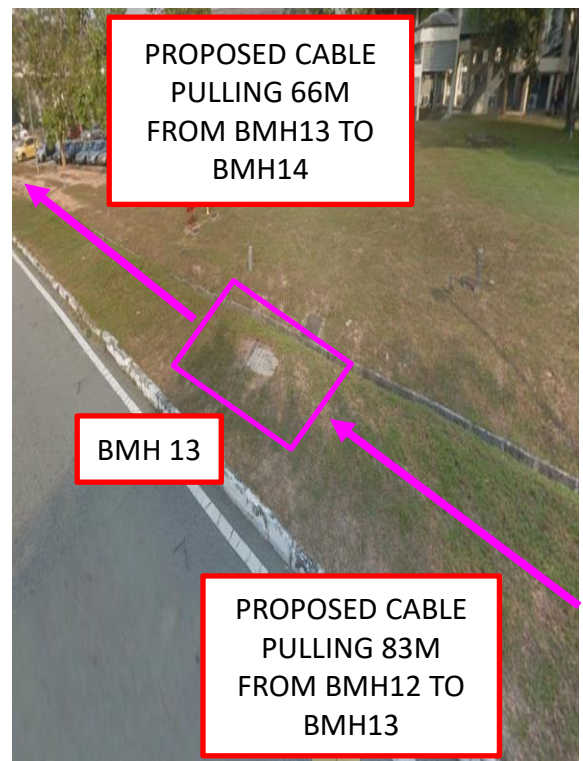
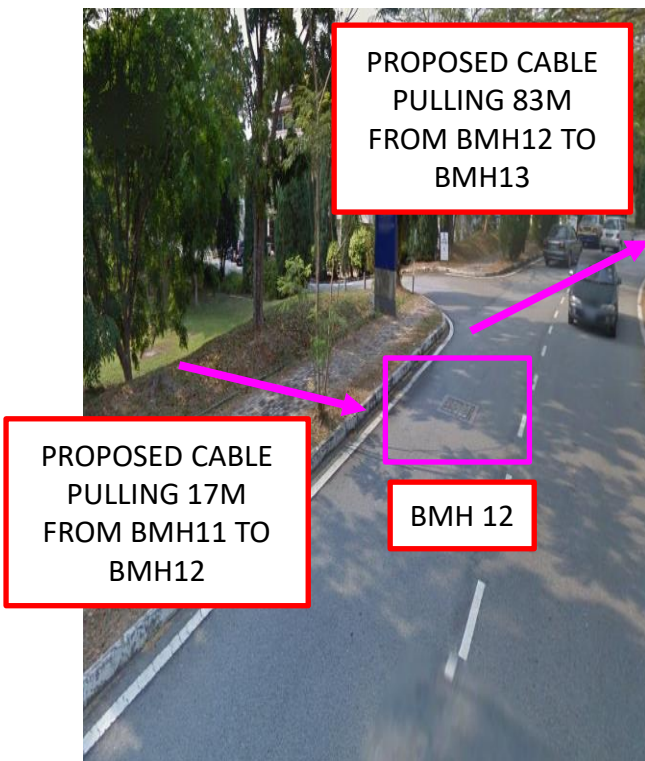
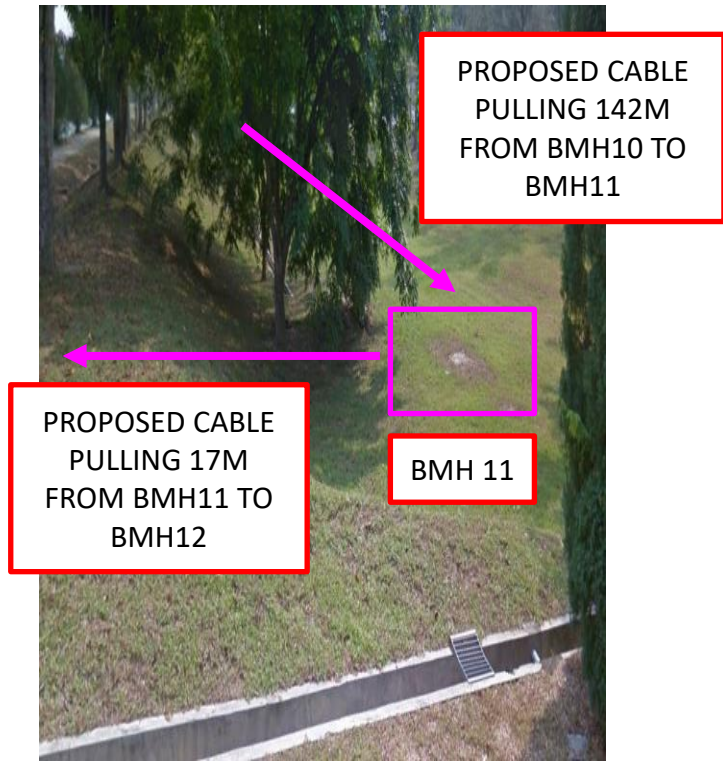
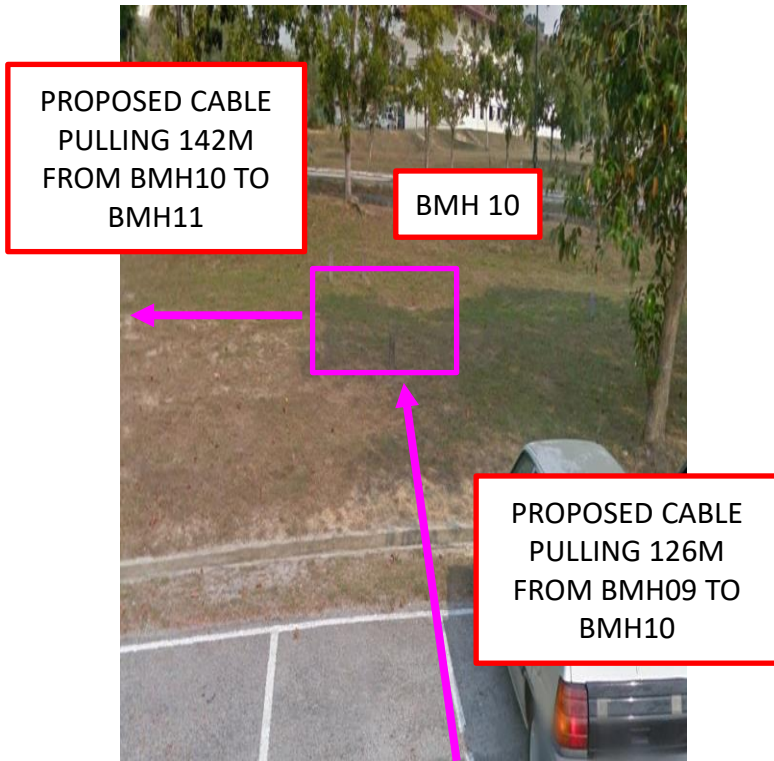
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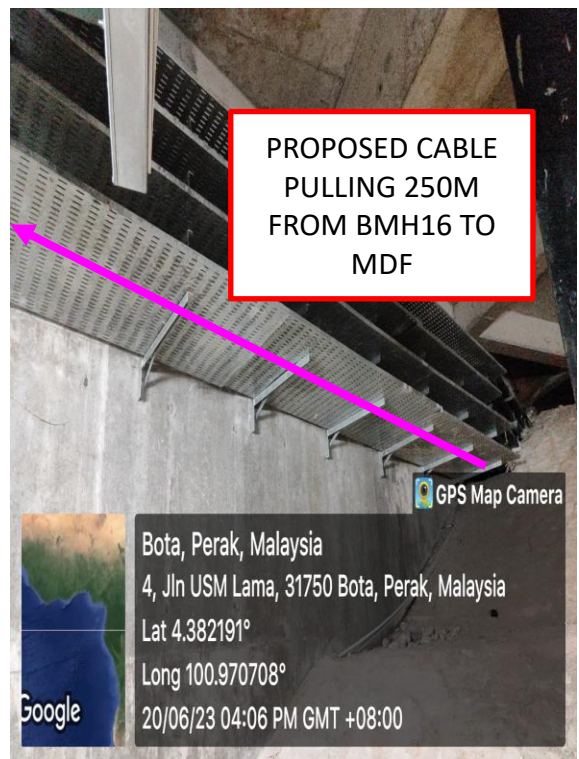
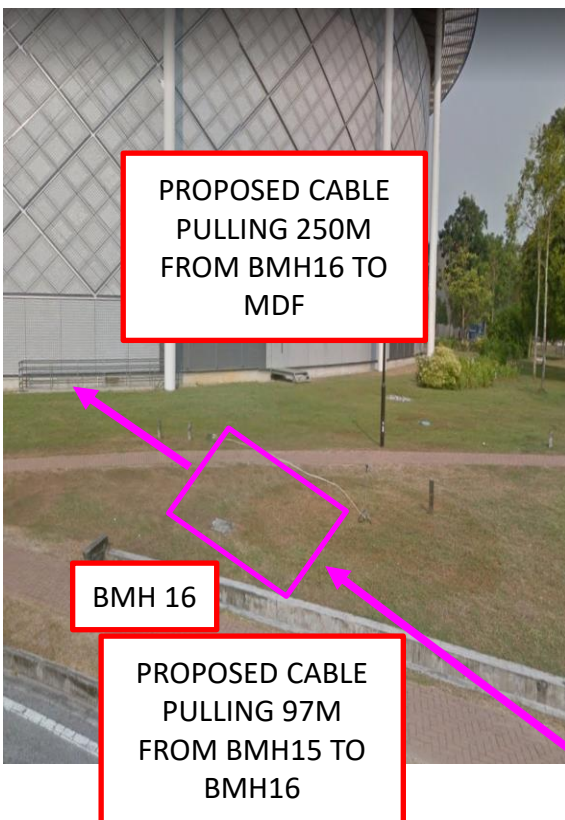
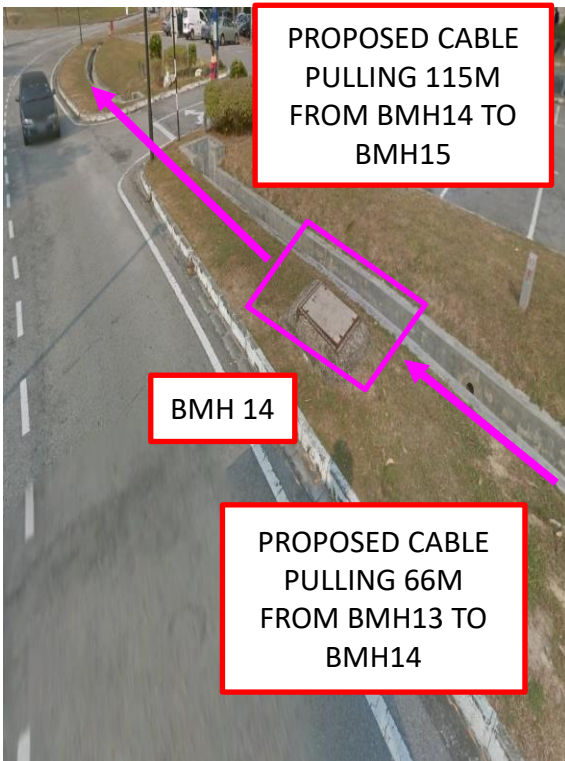
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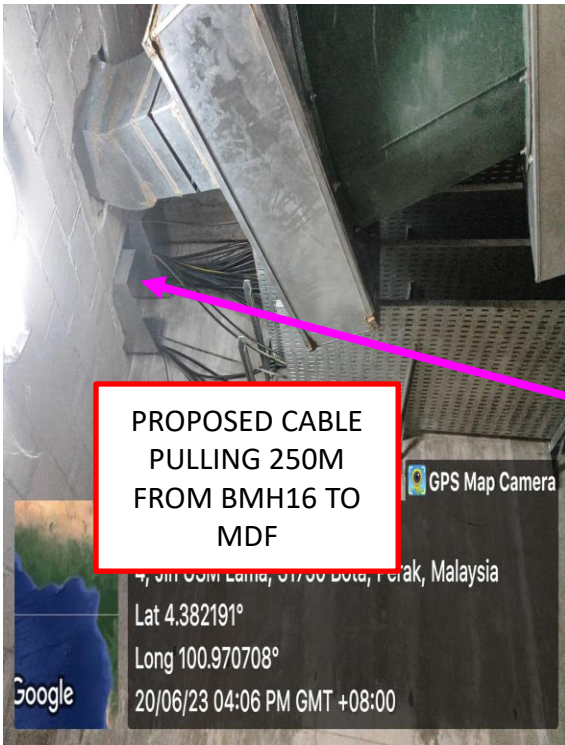
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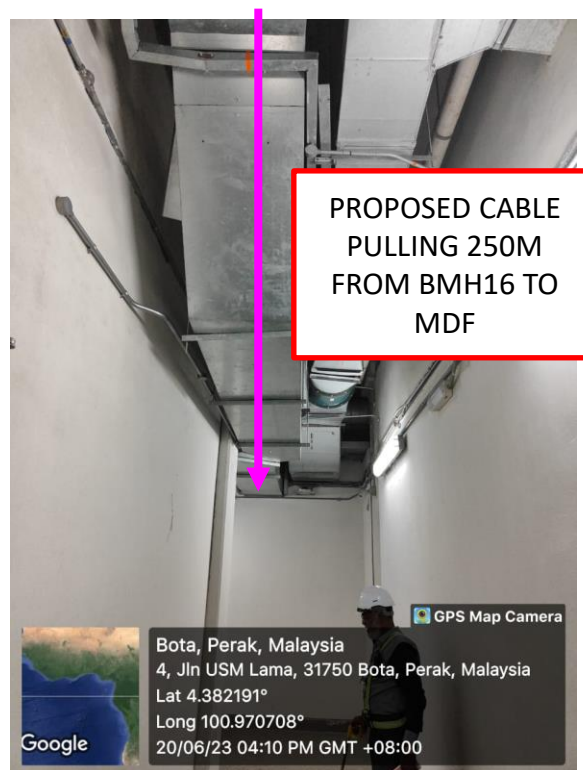
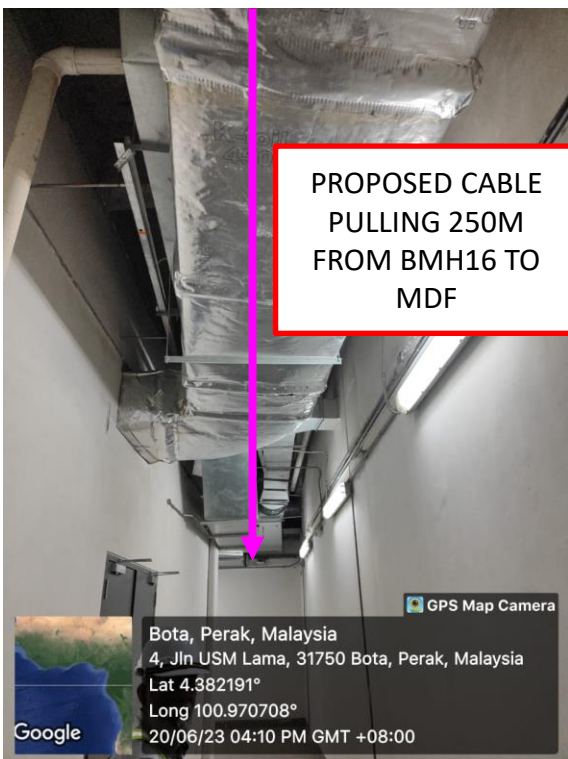
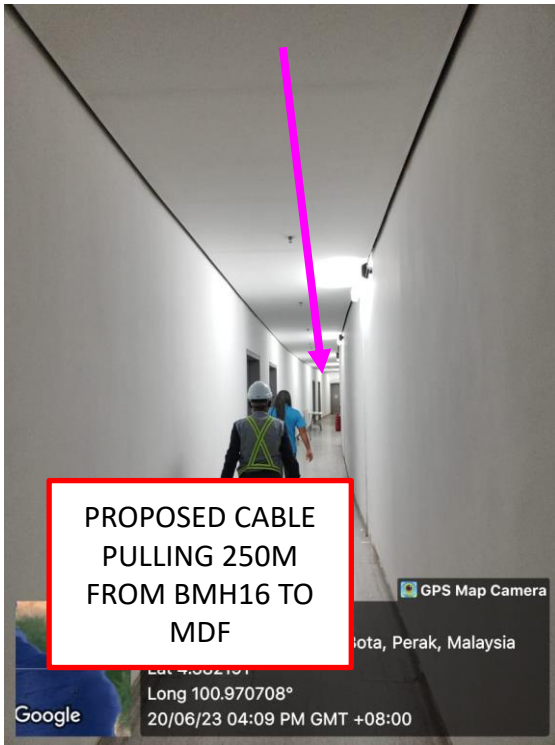
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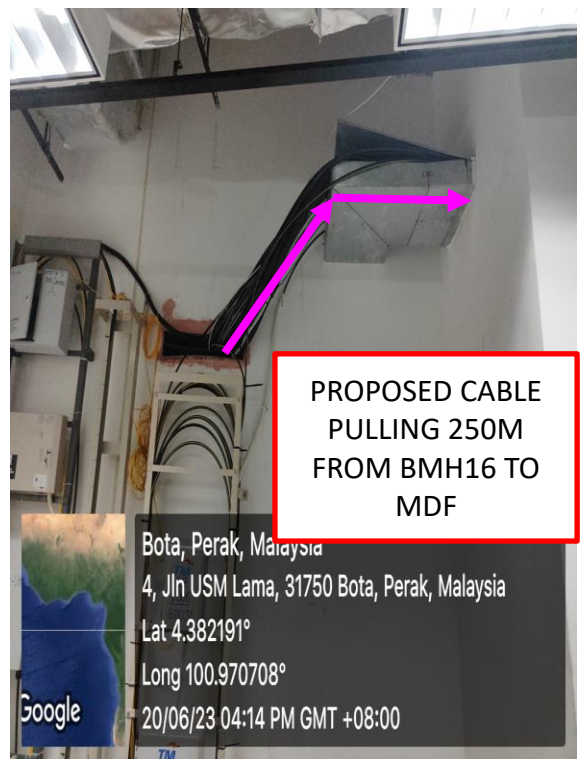
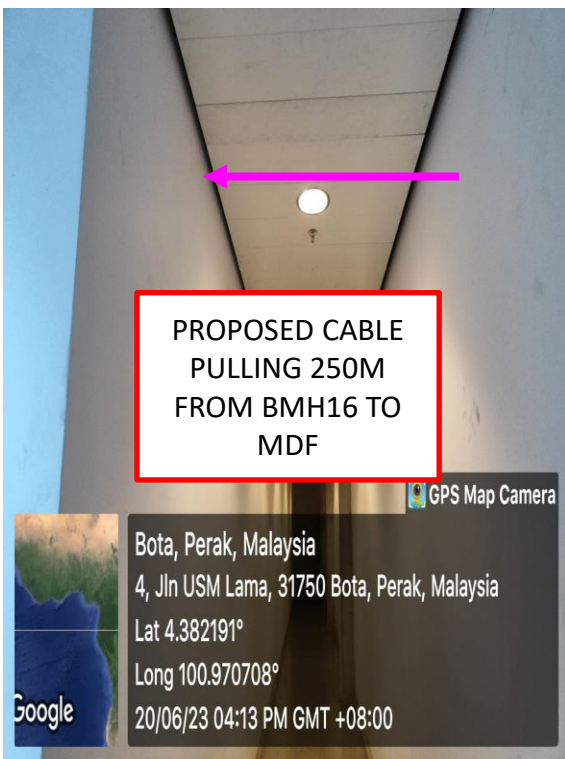
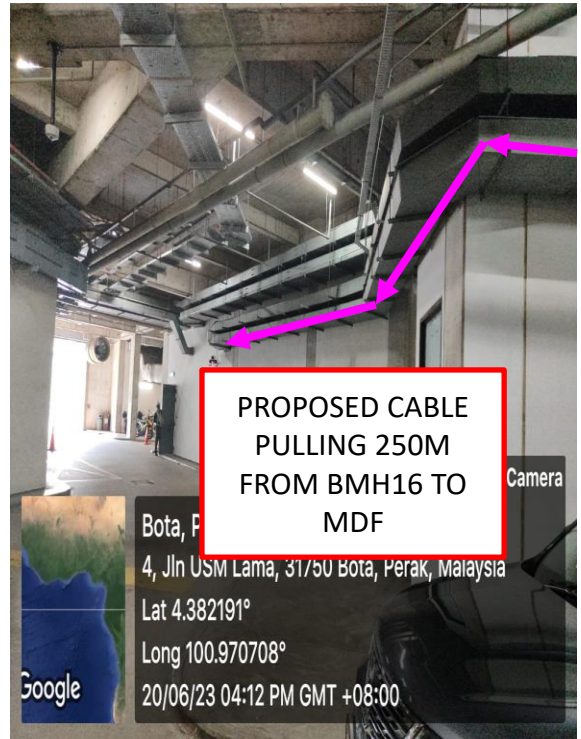
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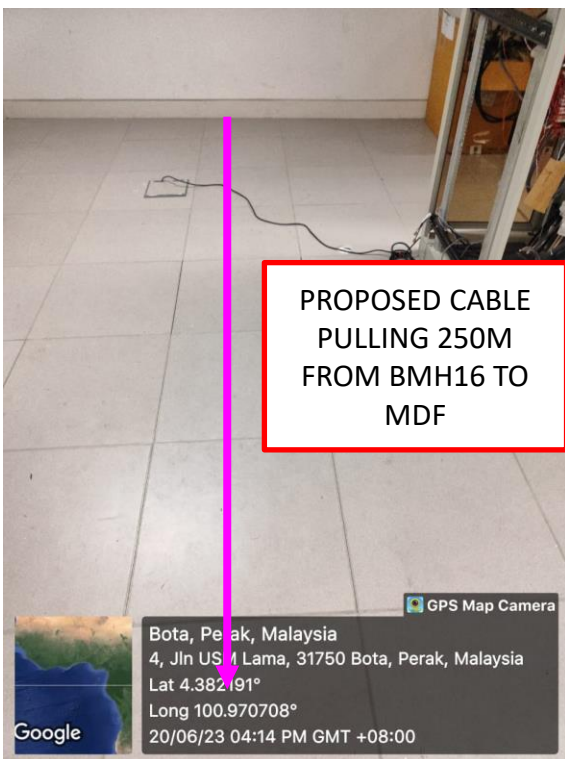
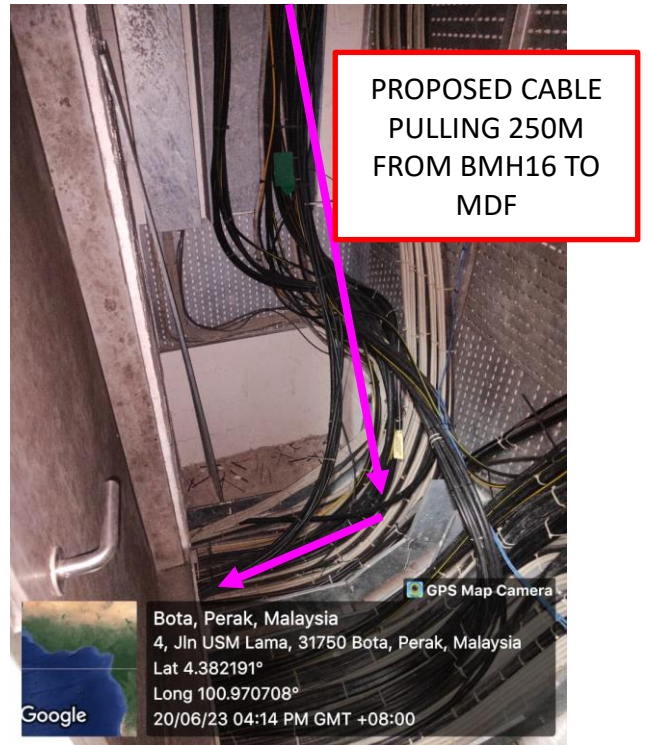
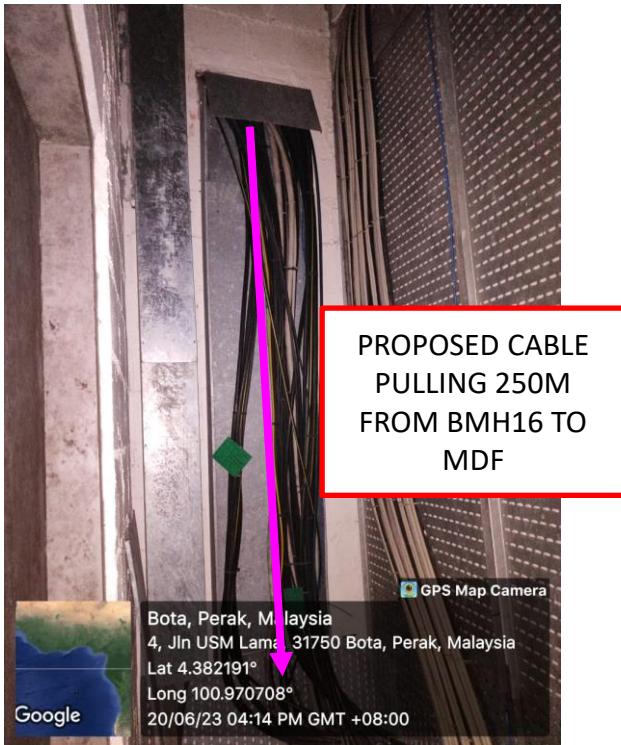
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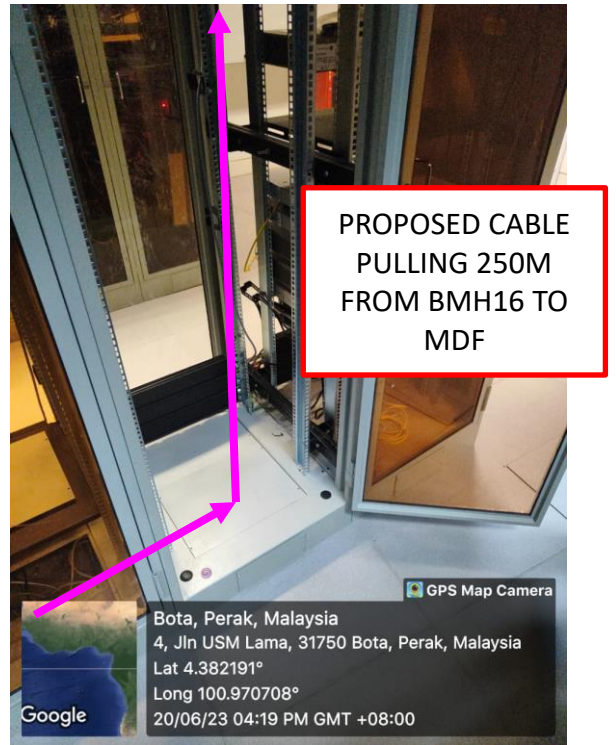
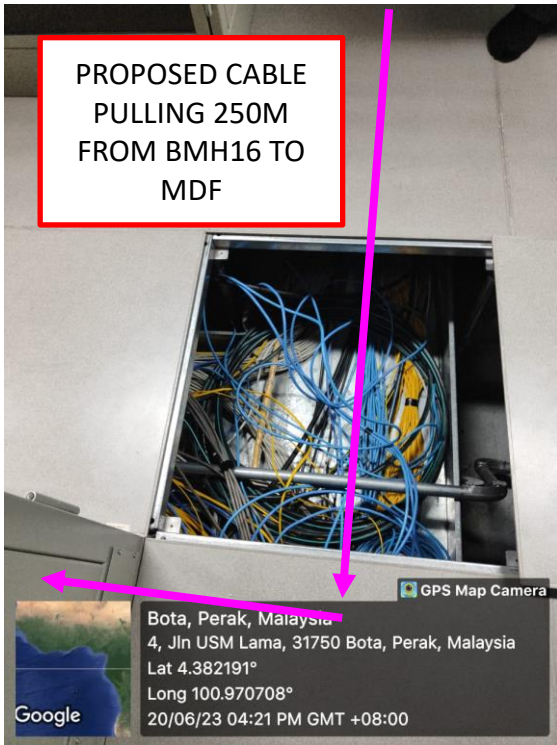
4.3 Site Photos



4.3 Site Photos



4.3 Site Photos



SURVEY ACKNOWLEDGEMENT FORM

Building / Customer Name:
Site Address:

It is hereby to confirm that the contactor,
Has visited the above site and has done the survey accordingly.

Thank you.

Surveyed by;

Confirmed by;

.....
Name :
Surveyor

.....
Name :
Building Manager/Reps.
Chop: